

Center for Research and Training in the Sciences (UTSA) ,
Institute for Integration of Medicine & Science (UTHSA) ,
Translational Science Graduate Program , &
UTSA-UTHSA Joint Graduate Program in Biomedical Engineering
invite you to attend



Seminars in Translational Research

Presents

The Rotator Cuff and Muscle Stem Cells: Understanding the Stem Cell Niche in Injury and Repair

Fibroblast progenitor cells within muscle can look like muscle or be fibrotic or fat. We see more fibrotic and fatty cells after injury and muscle breakdown (atrophy).

Using modern single-cell sequencing techniques (scRNASeq), we now know that individual cells can change their phenotype over time (cellular plasticity).

We are leveraging our data to determine the regenerative potential of these cells.



Brian Feeley, MD

Chief, Sports Medicine and Shoulder Surgery
Ron Conway Family Professor of Sports Medicine Research
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University of California San Francisco



UTSA Center for Research &
Training in the Sciences



**Friday, March 28, 2025
Virtually from 9:00 AM - 10:00 AM**

For information on participating in the current monthly seminar. Please head to <https://klesse.utsa.edu/bmce/strech/> or scan the QR code below.



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